Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination 09/683,432 BENAYOUN ET AL. Examiner Art Unit **Dmitry Levitan** 2616 (Through numeral) Cancelled Rejected Non-Elected **Appeal** N Α 1 0 Allowed Restricted Objected Interference

	··· 4	W.							Claim \ \ Date								Claim Date							Claim Date									
1 _ 1	167				- Date							Date												uate									
1 75 1	ब्र	\									-	Jal			ł							=	.	평									
Final	Original	12	\								Final	Original				- {						Final	<u> </u>	Original		- 1							
4	ō	$\langle \rangle$.								"	ŏ										"	.	5									
\vdash		V		_	_			\Box						_	_	_	_	_	4		_	<u> </u>	l.			_					_		
\vdash	1	\rightarrow		_							<u> </u>	51	Ш		_		\perp	\perp	_		4	<u> </u>		101		_		$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Ш	L_	\dashv		
	2	1		_						_		52		_			_				_	<u></u>	1	102								_	
	3	Ш					Ш		\Box	_		53	Ш	_[\perp		_		_	<u>L</u>		103									
	4	_\		\perp								54	Ш				\perp				\perp			104									
	5	V		[55									╛			105]]	
	8											56												106									
	7	V										57				\Box		\Box	$ \mathbb{I} $	\Box			T	07							\Box		
	8											58		\Box				_ -					T	108									
	9	T										59		\neg	T	T			\neg				7	109								\neg	
	10			\neg						7		60	П			$\neg \uparrow$	_	\neg	\neg	7	7		7	110			_				\neg	一	
	11	1		7				П		┨		61	\Box	7		$\neg \uparrow$	_		7	\top	7			111							\neg		
	12		\neg	\dashv					\Box	\dashv		62	\Box	\dashv		_	_		7	7	7		+	112	\neg	\neg					$\neg \dagger$		
	13	1	\dashv	$\neg \dagger$	一		М	П	\dashv	\dashv		63	\vdash	寸	_	_	-+	_	+	+	\dashv		٠,	113		\dashv			М		\dashv	\neg	-
	14	1		一		_	\vdash		\dashv	\dashv		64	\vdash	\dashv	\dashv	\dashv	\dashv	+	\dashv	+	\dashv	1	+	114	_	-	_	\vdash	-			-	
	15	∇	-	-	-	_	\vdash	-	-			65	H	\dashv	_	-+	\dashv	+	\dashv	\dashv	\dashv	-	+,	115			_	 	Н		\dashv	\dashv	
	16	Υ_	-	-+	_		\vdash	\dashv	\dashv	\dashv		66	\vdash	\dashv	+	\dashv	-+	+	+	\dashv	\dashv	-		116	-		-		\vdash	\vdash	_	\dashv	_
	17		\dashv	\dashv		-	Н	H	+	\dashv		67		+	\dashv	\dashv	-+	-+	+		\dashv	-	+	17	-	-			Н	-	\dashv	\dashv	
	18	=	\dashv	\dashv	-			\vdash	\dashv	\dashv	—	68		\dashv	-+		-+	+	+	\dashv	\dashv	-		118				-	\vdash		-	\dashv	
	19			\dashv				\dashv	+	\dashv	\vdash	69	\vdash	\dashv	-	\dashv	\dashv	+	+	+	\dashv	-	+,	119		-		-					
	20							-	-	\dashv	-		\vdash	\dashv	\dashv	\dashv	\dashv	+	+	+	\dashv	-	+	130	\dashv	-		-	\vdash	-			
			\dashv	\dashv	-	-	Н			\dashv	-	70 71	-	-+		\dashv	-	+	+	\dashv	\dashv	-	+	20	-	\dashv		H	Н		\dashv	\dashv	
	21			-	_	_	\vdash		-	-	<u> </u>		$\vdash \vdash$			- -		-+-	-			-		121				\vdash	Н		_	\dashv	
	22			-		_		-	\vdash	\dashv	\vdash	72		-			-+					-		122				H	Щ	 	_	\dashv	
	23			\dashv			Ш	\square	-	\dashv	<u> </u>	73	\vdash	\dashv				_ -	+	-	_	<u> </u>		123	_			\vdash	Ш		_	_	
	24		_	_		_				_	 	74		_	_		-	_	4	+	4	-	—	24	_	_			Щ		_		_
	25			_	_		\sqcup			_	<u> </u>	75	-	_		4	\perp	\perp	4	\perp	4	\vdash	1	125		_		ļ	Ш	Щ	_	ļ	_
	26		_	_	_	_	\Box		_			76			ļ	_	_	4	4	\bot	_	<u> </u>	1	26	_	_					_	_	
	27								_			77				_	\perp	\perp	\perp	\perp	4	<u> </u>	1	27								_	
	28								_			78	\sqcup	_	\bot	\perp	\perp	\perp	\perp	\perp	_		L	128				L.		$oxed{oxed}$			
	29			[_			79	\Box						\perp		╛		\perp	129	[]							
	30]						80				\Box					┛			130									
	31			$oldsymbol{\mathbb{J}}$								81			$_{ m J}$	\Box	$oldsymbol{ol}}}}}}}}}}}}}}} $			T			\mathbf{I}	131									_
	32			J					\Box	╝		82			_]		T	$\Box \Gamma$		T			_ [-	132									
	33											83			_]		T						7	133									
	34								T	J		84					T		T	\top	7		-T:	134		\neg							
	35			T						7		85		\neg			\top	\top	T	\top	7		1	135	一						\neg	寸	_
	36			T						7		86	\Box	\dashv		1	$\neg \uparrow$		\top		٦		1	36	\neg	\dashv					\dashv		_
	37		-	\neg		_		\dashv	\neg	7		87	\Box	\dashv		\dashv	\top		7				1	137	\neg	\dashv					\dashv		
	38		\dashv	7			\dashv	\dashv	_	\neg		88	$ \neg $	\dashv	_		\top	\dashv	7	+	\dashv			38	\dashv	\dashv		Н		-	\dashv	-	_
	39	\neg	\dashv	7	-	-	\dashv	\dashv	\neg	_1		89	\vdash	_	_	_	十	\dashv	\dagger	+	1	1	+	39	1	\dashv		Н	П	\vdash	\dashv	一	
 	40	\dashv	7	+	-	-	\dashv	-	\dashv			90	1	-	\dashv	\dashv	\dashv	+	+		-	\vdash	+	40	\dashv	\dashv	_	Н	\dashv		\dashv	-	_
	41	-	-+	-+	-	\dashv	\dashv					91	\vdash	\dashv	\dashv	\dashv	-+	\dashv	+		\dashv	-	+	41		\dashv		Н		\vdash	-	┪	_
	42	-		\dashv	┥		\dashv	\dashv	+			92	\dashv	\dashv	\dashv	\dashv	+	+	+	+	\dashv	-		42	-	-		\vdash		\vdash	\dashv	\dashv	
	43	\dashv	\dashv	-+	-	-	\dashv		\dashv		-	93	\vdash	\dashv	\dashv	\dashv	\dashv	- -	-+	+	\dashv	-		42		\dashv	_	Н		\vdash	\dashv		-
	44	\dashv	-+	\dashv	-	-			\dashv	\dashv		94	\dashv	\dashv	\dashv	\dashv	\dashv	+	+	+	\dashv	-				-		Н	\vdash	\vdash	-+		
 	45	\dashv	-+	\dashv	-	-				\dashv		94	-	+	\dashv	\dashv	\dashv	+	+	+	\dashv	-		44	-				\vdash		-+		
		_				-1	-		-			95	\vdash	+	\dashv	-+		+	- -	+	4	-		45		\dashv		Н	\sqcup	\vdash	-		
	46	_			_				-			96	\sqcup	-		\dashv		- -	+	4	4	-		46	_	_		Щ				_	
	47	_	4	4	-	_			-	_		97	\sqcup	_	_	4	4	_	-	_	4	-	41	47	_	_		Щ	Щ	\vdash	_	_	
	48		4	\dashv	4			_	\dashv	_	\vdash	98		4	_	4	4	4	4	_	_			48	_	_		Щ			_	_	
		,	- 1	- 1								99			_ [\perp	\perp	\perp	\perp	4		_ 1	49 50		\perp		L					
	49 50		_	-	-	\rightarrow	 +					100																					